

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	65	(US-20020072780-\$ or US-20050209653-\$ or US-20050149142-\$ or US-20050149141-\$ or US-20050096514-\$ or US-20050096638-\$ or US-20040236382-\$ or US-20040236381-\$ or US-20040215180-\$ or US-20030144708-\$ or US-20040193229-\$ or US-20040176812-\$ or US-20040162595-\$ or US-20020123774-\$ or US-20050090873-\$ or US-20040093039-\$ or US-20030120321-\$ or US-20020161414-\$ or US-20040088022-\$ or US-20040044376-\$ or US-20040015201-\$ or US-20030212439-\$ or US-20040011366-\$ or US-20010001125-\$ or US-20030195578-\$ or US-20050113894-\$).did. or (US-20040138722-\$).did. or (US-6104955-\$ or US-5995872-\$ or US-6542776-\$ or US-6327503-\$ or US-6615084-\$ or US-6115635-\$ or US-6091992-\$ or US-5836994-\$ or US-5423872-\$ or US-6853862-\$ or US-6216039-\$ or US-6895279-\$ or US-6243607-\$ or US-6083249-\$ or US-5861014-\$ or US-5292344-\$ or US-5540730-\$ or US-6993391-\$ or US-6802868-\$ or US-6684104-\$ or US-6612983-\$ or US-6611715-\$ or US-6600953-\$ or US-5188104-\$ or US-6564101-\$ or US-6453199-\$). did. or (US-6540789-\$ or US-6879859-\$ or US-6185452-\$ or US-7024249-\$ or US-6990372-\$ or US-6839596-\$ or US-6164284-\$ or US-5911218-\$ or US-5678535-\$ or US-4535777-\$ or US-6315721-\$ or US-6208894-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/06 10:07
L5	65	4 and ("14" hz)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 10:29

EAST Search History

L6	4	4 and "14 hz"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 10:30
L7	4	4 and "15 hz"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 10:30
L8	2	4 and "13 hz"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/06 10:31
S1	12	(("20020072780") or ("6327503") or ("5836994") or ("5995872") or ("6091992") or ("6104955") or ("6115635") or ("6213039") or ("5423872") or ("6542776") or ("6606523") or ("6615084")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:36
S2	44	(starkebaum-warren\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 08:03
S3	18	S2 and gastroparesis	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 10:42
S4	9	S1 and gastroparesis	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 08:46
S5	12	(("20020072780") or ("6327503") or ("5836994") or ("5995872") or ("6091992") or ("6104955") or ("6115635") or ("6216039") or ("5423872") or ("6542776") or ("6606523") or ("6615084")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/27 08:27
S6	4	induce near3 gastroparesis	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 08:47
S7	6	induce with gastroparesis	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 08:47
S8	113	(induce or activate or cause or effect or generate or incite or impel or produce or promote or prompt) with gastroparesis	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 10:10

EAST Search History

S9	206	607/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 09:02
S10	66	607/133.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 09:12
S11	43	(US-20040162595-\$ or US-20020123774-\$ or US-20050090873-\$ or US-20030120321-\$ or US-20020161414-\$ or US-20040176812-\$ or US-20040088022-\$ or US-20030212439-\$ or US-20040093039-\$ or US-20030144708-\$ or US-20040215180-\$ or US-20050096514-\$ or US-20020072780-\$ or US-20050096638-\$ or US-20050149141-\$ or US-20050149142-\$ or US-20050209653-\$ or US-20040015201-\$ or US-20040044376-\$).did. or (US-6243607-\$ or US-6611715-\$ or US-5861014-\$ or US-6993391-\$ or US-6895279-\$ or US-6083249-\$ or US-5292344-\$ or US-5540730-\$ or US-6216039-\$ or US-6600953-\$ or US-6540789-\$ or US-6802868-\$ or US-5995872-\$ or US-6115635-\$ or US-6327503-\$ or US-6615084-\$ or US-5423872-\$ or US-5836994-\$ or US-6091992-\$ or US-6104955-\$ or US-6684104-\$ or US-6564101-\$ or US-6453199-\$ or US-5188104-\$). did.	OR	ON	2006/03/27 10:10	
S12	25	S11 and gastroparesis	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 10:10
S13	22	S11 and ((induce or activate or cause or effect or generate or incite or impel or produce or promote or prompt) with gastroparesis)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 10:19
S14	44	(starkebaum-warren\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 10:42

EAST Search History

S15	4	S14 and gastroparesis.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 10:48
S16	15	(("5423872") or ("5836994") or ("5995872") or ("6091992") or ("6104955") or ("6115635") or ("6216039") or ("6327503") or ("6452776") or ("6606523") or ("6615084") or ("20020072780") or ("20050096514") or ("5690691") or ("5861014")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/27 12:17
S17	206	607/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 12:17
S18	66	607/133.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 12:17
S19	252	S17 or S18	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 12:17
S20	92	S19 and obesity	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/27 12:19
S21	61	S20 and @ad<="20040107"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:47

EAST Search History

S22	43	(US-20020123774-\$ or US-20020161414-\$ or US-20030120321-\$ or US-20030144708-\$ or US-20030212439-\$ or US-20040015201-\$ or US-20040044376-\$ or US-20040088022-\$ or US-20040093039-\$ or US-20040162595-\$ or US-20040176812-\$ or US-20040215180-\$ or US-20050090873-\$ or US-20020072780-\$ or US-20050096514-\$ or US-20050096638-\$ or US-20050149141-\$ or US-20050149142-\$ or US-20050209653-\$).did. or (US-6540789-\$ or US-6564101-\$ or US-6600953-\$ or US-6611715-\$ or US-6615084-\$ or US-5188104-\$ or US-5292344-\$ or US-5423872-\$ or US-5540730-\$ or US-5836994-\$ or US-5861014-\$ or US-5995872-\$ or US-6083249-\$ or US-6091992-\$ or US-6104955-\$ or US-6115635-\$ or US-6216039-\$ or US-6243607-\$ or US-6684104-\$ or US-6802868-\$ or US-6895279-\$ or US-6993391-\$ or US-6327503-\$ or US-6453199-\$). did.	US-PGPUB; USPAT	OR	ON	2006/03/29 14:01
S23	36	S22 and motility	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 14:14
S24	23	S23 and gastroparesis	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 14:14
S25	207	607/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 14:32
S26	68	607/133.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 14:32
S27	254	S25 or S26	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 14:32

EAST Search History

S28	43	(US-20050149141-\$ or US-20050209653-\$ or US-20020072780-\$ or US-20040162595-\$ or US-20050096514-\$ or US-20020123774-\$ or US-20050090873-\$ or US-20040044376-\$ or US-20030120321-\$ or US-20040088022-\$ or US-20040215180-\$ or US-20040093039-\$ or US-20040015201-\$ or US-20030212439-\$ or US-20040176812-\$ or US-20020161414-\$ or US-20050096638-\$ or US-20030144708-\$ or US-20050149142-\$).did. or (US-6083249-\$ or US-6104955-\$ or US-6611715-\$ or US-6895279-\$ or US-5540730-\$ or US-5836994-\$ or US-6453199-\$ or US-6327503-\$ or US-6243607-\$ or US-6600953-\$ or US-6564101-\$ or US-6216039-\$ or US-6993391-\$ or US-5423872-\$ or US-6802868-\$ or US-5995872-\$ or US-5861014-\$ or US-6091992-\$ or US-6615084-\$ or US-6540789-\$ or US-6115635-\$ or US-5292344-\$ or US-6684104-\$ or US-5188104-\$). did.	US-PGPUB; USPAT	OR	ON	2006/03/30 13:45
S29	22	S28 and (hz or hertz) and (ma or a or microamp or amp) and (sec or second or s)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:47
S30	10	S28 and duty	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:55
S31	0	"on duty cycle" and "off duty cycle"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:55
S32	56066	"duty cycle"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:56
S33	0	"on duty cycle"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:56

EAST Search History

S34	209	607/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:56
S35	68	607/133.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:56
S36	43	(US-20040162595-\$ or US-20020123774-\$ or US-20050090873-\$ or US-20030120321-\$ or US-20020161414-\$ or US-20040176812-\$ or US-20040088022-\$ or US-20030212439-\$ or US-20040093039-\$ or US-20030144708-\$ or US-20040215180-\$ or US-20050096514-\$ or US-20020072780-\$ or US-20050096638-\$ or US-20050149141-\$ or US-20050149142-\$ or US-20050209653-\$ or US-20040015201-\$ or US-20040044376-\$).did. or (US-6243607-\$ or US-6611715-\$ or US-5861014-\$ or US-6993391-\$ or US-6895279-\$ or US-6083249-\$ or US-5292344-\$ or US-5540730-\$ or US-6216039-\$ or US-6600953-\$ or US-6540789-\$ or US-6802868-\$ or US-5995872-\$ or US-6115635-\$ or US-6327503-\$ or US-6615084-\$ or US-5423872-\$ or US-5836994-\$ or US-6091992-\$ or US-6104955-\$ or US-6684104-\$ or US-6564101-\$ or US-6453199-\$ or US-5188104-\$). did.	OR	ON	2006/03/30 13:56	
S37	259	S34 or S35 or S36	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:56
S38	53	S32 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 14:00
S39	42522	"on time" or "off time"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 14:00

EAST Search History

S40	40	S37 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 14:00
S41	43	(US-20030144708-\$ or US-20030120321-\$ or US-20050149141-\$ or US-20040215180-\$ or US-20020072780-\$ or US-20020161414-\$ or US-20050096514-\$ or US-20050209653-\$ or US-20050149142-\$ or US-20050090873-\$ or US-20040176812-\$ or US-20040015201-\$ or US-20040162595-\$ or US-20040044376-\$ or US-20030212439-\$ or US-20040093039-\$ or US-20020123774-\$ or US-20040088022-\$ or US-20050096638-\$).did. or (US-6684104-\$ or US-5836994-\$ or US-6802868-\$ or US-6600953-\$ or US-6993391-\$ or US-5540730-\$ or US-6611715-\$ or US-6895279-\$ or US-6115635-\$ or US-6216039-\$ or US-6104955-\$ or US-6083249-\$ or US-5861014-\$ or US-5995872-\$ or US-6615084-\$ or US-5423872-\$ or US-6091992-\$ or US-5292344-\$ or US-6327503-\$ or US-6243607-\$ or US-6540789-\$ or US-6453199-\$ or US-6564101-\$ or US-5188104-\$). did.	US-PGPUB; USPAT	OR	ON	2006/04/04 08:15
S42	10	S41 and ((on or off) near3 time)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:42
S43	1	"6542776".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:21
S44	1	S43 and ((on or off) near3 time)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:21
S45	16	S41 and ((on or off) near3 second)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:45

EAST Search History

S46	4	S41 and ((on or off) near3 period)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:46
S47	299329	((on or off or duty) near3 (second or period or cycle or time))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:16
S48	209	607/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:47
S49	68	607/133.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:47
S50	43	(US-20040162595-\$ or US-20020123774-\$ or US-20050090873-\$ or US-20030120321-\$ or US-20020161414-\$ or US-20040176812-\$ or US-20040088022-\$ or US-20030212439-\$ or US-20040093039-\$ or US-20030144708-\$ or US-20040215180-\$ or US-20050096514-\$ or US-20020072780-\$ or US-20050096638-\$ or US-20050149141-\$ or US-20050149142-\$ or US-20050209653-\$ or US-20040015201-\$ or US-20040044376-\$).did. or (US-6243607-\$ or US-6611715-\$ or US-5861014-\$ or US-6993391-\$ or US-6895279-\$ or US-6083249-\$ or US-5292344-\$ or US-5540730-\$ or US-6216039-\$ or US-6600953-\$ or US-6540789-\$ or US-6802868-\$ or US-5995872-\$ or US-6115635-\$ or US-6327503-\$ or US-6615084-\$ or US-5423872-\$ or US-5836994-\$ or US-6091992-\$ or US-6104955-\$ or US-6684104-\$ or US-6564101-\$ or US-6453199-\$ or US-5188104-\$). did.	US-PGPUB; USPAT	OR	ON	2006/04/04 08:47
S51	259	S48 or S49 or S50	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:47

EAST Search History

S52	94	S47 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 08:47
S53	74	S52 and @ad<="20040107"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 09:52
S54	117169	stomach or gastric or gastro or gastrointestinal	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 09:51
S55	2089714	stimulate or stimulation or stimulus or pulse or pace or energy	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 09:52
S56	4043	S54 with S55	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 09:52
S57	252	S56 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 09:52
S58	183	S57 and @ad<="20040107"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:35
S59	133	S58 not S53	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 10:03
S60	134257	"600"/\$.ccls. or "607"/\$.ccls. or "128"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 10:04
S61	54	S59 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 10:56
S62	969	flemming.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 10:57
S63	6	S62 and "signal generator"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 10:57

EAST Search History

S64	3741	fleming.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 10:57
S65	29	S64 and "signal generator"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 10:58
S66	54	S64 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:27
S67	435358	(amplitude or ma or milliamp or microamp or amp) AND (frequenc\$3 or \$5hertz or \$1hz) AND (width or microsecond or second or millisecond)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:29
S68	111284	(amplitude or ma or milliamp or microamp or amp) same (frequenc\$3 or \$5hertz or \$1hz) same (width or microsecond or second or millisecond)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:29
S69	56846	S67 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:30
S70	15652	S68 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:38
S71	3370	S69 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:30
S72	4856	S68 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:31
S73	1286	S70 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:39
S74	265	S73 and "signal generator"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:35

EAST Search History

S75	895	S73 and (signal near3 generat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:39
S76	215	S74 and @ad<="20040107"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:39
S77	5346	S68 same S47	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:18
S78	529	S77 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:18
S79	343	S78 and (signal near3 generat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:19
S80	260	S79 and @ad<="20040107"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:19

EAST Search History

S81	260	(US-20010001125-\$ or US-20010047127-\$ or US-20010053885-\$ or US-20020016616-\$ or US-20020026126-\$ or US-20020068869-\$ or US-20020068930-\$ or US-20020087192-\$ or US-20020107553-\$ or US-20020165586-\$ or US-20020177882-\$ or US-20020193840-\$ or US-20020193844-\$ or US-20030004549-\$ or US-20030023282-\$ or US-20030036780-\$ or US-20030055418-\$ or US-20030060858-\$ or US-20030074025-\$ or US-20030074032-\$ or US-20030083716-\$ or US-20030100930-\$ or US-20030125769-\$ or US-20030144708-\$ or US-20030144709-\$ or US-20030167078-\$).did. or (US-20030171743-\$ or US-20030171790-\$ or US-20030181959-\$ or US-20030191504-\$ or US-20030195578-\$ or US-20030195581-\$ or US-20030199938-\$ or US-20030212440-\$ or US-20030220668-\$ or US-20030220669-\$ or US-20030229331-\$ or US-20040002635-\$ or US-20040011366-\$ or US-20040015189-\$ or US-20040015203-\$ or US-20040015209-\$ or US-20040019370-\$ or US-20040024428-\$ or US-20040034280-\$ or US-20040039427-\$ or US-20040049251-\$ or US-20040054299-\$ or US-20040064066-\$ or US-20040068168-\$ or US-20040073260-\$ or US-20040103906-\$ or US-20040111127-\$).did. or (US-20040133119-\$ or US-20040133120-\$ or US-20040133248-\$ or US-20040138516-\$ or US-20040138517-\$ or US-20040138518-\$ or	US-PGPUB; USPAT	OR	ON	2006/04/04 12:45
4/6/2006 2:25:10 PM C:\Documents and Settings\theller\My Documents\EAST\Workspaces\10768716.wsp					Page 13	

EAST Search History

S82	260	S81 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 12:45
S83	252235	((on or off) near3 (second or period or cycle or time))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:17
S84	3166	S68 same S83	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:18
S85	288	S84 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:18
S86	215	S85 and (signal near3 generat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:19
S87	156	S86 and @ad<="20040107"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:26

EAST Search History

S89	156	(US-20010001125-\$ or US-20020016616-\$ or US-20020087192-\$ or US-20020177882-\$ or US-20020193844-\$ or US-20030023282-\$ or US-20030036780-\$ or US-20030060858-\$ or US-20030083716-\$ or US-20030144709-\$ or US-20030167078-\$ or US-20030171790-\$ or US-20030181959-\$ or US-20030191504-\$ or US-20030195578-\$ or US-20030195581-\$ or US-20030212440-\$ or US-20030220668-\$ or US-20030220669-\$ or US-20040002635-\$ or US-20040011366-\$ or US-20040015189-\$ or US-20040015203-\$ or US-20040015209-\$ or US-20040024428-\$ or US-20040039427-\$).did. or (US-20040064066-\$ or US-20040068168-\$ or US-20040103906-\$ or US-20040133119-\$ or US-20040133120-\$ or US-20040133248-\$ or US-20040138516-\$ or US-20040138517-\$ or US-20040138518-\$ or US-20040138536-\$ or US-20040138580-\$ or US-20040138581-\$ or US-20040138647-\$ or US-20040138711-\$ or US-20040138722-\$ or US-20040152958-\$ or US-20040152965-\$ or US-20040158119-\$ or US-20040193229-\$ or US-20040236381-\$ or US-20040236382-\$ or US-20040236391-\$ or US-20050021103-\$ or US-20050049655-\$ or US-20050113894-\$ or US-20050119703-\$ or US-20050131467-\$).did. or (US-20050137645-\$ or US-20050143783-\$ or US-20050143786-\$ or US-20050251220-\$ or US-20050251222-\$).did. or /11S-3735756-\$ or 11S-3753423-\$ or	US-PGPUB; USPAT	OR	ON	2006/04/04 13:19
4/6/2006 2:25:10 PM C:\Documents and Settings\theller\My Documents\EAST\Workspaces\10768716.wsp						Page 15

EAST Search History

S90	58	S89 and S83	US-PGPUB	OR	ON	2006/04/04 13:33
S91	58	S89 and S84	US-PGPUB	OR	ON	2006/04/04 13:26
S92	156	S86 and @ad<="20040107"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:53
S93	58	S87 and S83	US-PGPUB	OR	ON	2006/04/04 13:27
S94	58	S89 and S87	US-PGPUB	OR	ON	2006/04/04 13:33
S95	252235	((on or off) near3 (second or period or cycle or time))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 13:36

EAST Search History

S96	156	(US-20010001125-\$ or US-20020016616-\$ or US-20020087192-\$ or US-20020177882-\$ or US-20020193844-\$ or US-20030023282-\$ or US-20030036780-\$ or US-20030060858-\$ or US-20030083716-\$ or US-20030144709-\$ or US-20030167078-\$ or US-20030171790-\$ or US-20030181959-\$ or US-20030191504-\$ or US-20030195578-\$ or US-20030195581-\$ or US-20030212440-\$ or US-20030220668-\$ or US-20030220669-\$ or US-20040002635-\$ or US-20040011366-\$ or US-20040015189-\$ or US-20040015203-\$ or US-20040015209-\$ or US-20040024428-\$ or US-20040039427-\$).did. or (US-20040064066-\$ or US-20040068168-\$ or US-20040103906-\$ or US-20040133119-\$ or US-20040133120-\$ or US-20040133248-\$ or US-20040138516-\$ or US-20040138517-\$ or US-20040138518-\$ or US-20040138536-\$ or US-20040138580-\$ or US-20040138581-\$ or US-20040138647-\$ or US-20040138711-\$ or US-20040138722-\$ or US-20040152958-\$ or US-20040152965-\$ or US-20040158119-\$ or US-20040193229-\$ or US-20040236381-\$ or US-20040236382-\$ or US-20040236391-\$ or US-20050021103-\$ or US-20050049655-\$ or US-20050113894-\$ or US-20050119703-\$ or US-20050131467-\$).did. or (US-20050137645-\$ or US-20050143783-\$ or US-20050143786-\$ or US-20050251220-\$ or US-20050251222-\$).did. or /11S-3735756-& or 11S-3752422-& or	US-PGPUB; USPAT	OR	ON	2006/04/04 13:36
4/6/2006 2:25:10 PM	C:\Documents and Settings\theller\My Documents\EAST\Workspaces\10768716.wsp					Page 17

EAST Search History

S97	156	S96 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:48
S98	114686	(gat\$3 with (off or on))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:55
S99	1707	S98 and stimulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:49
S100	134257	"600"/\$.ccls. or "607"/\$.ccls. or "128"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:49
S101	435	S99 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:52
S102	299329	((on or off or duty) near3 (second or period or cycle or time))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:52

EAST Search History

S10 3	260	(US-20010001125-\$ or US-20010047127-\$ or US-20010053885-\$ or US-20020016616-\$ or US-20020026126-\$ or US-20020068869-\$ or US-20020068930-\$ or US-20020087192-\$ or US-20020107553-\$ or US-20020165586-\$ or US-20020177882-\$ or US-20020193840-\$ or US-20020193844-\$ or US-20030004549-\$ or US-20030023282-\$ or US-20030036780-\$ or US-20030055418-\$ or US-20030060858-\$ or US-20030074025-\$ or US-20030074032-\$ or US-20030083716-\$ or US-20030100930-\$ or US-20030125769-\$ or US-20030144708-\$ or US-20030144709-\$ or US-20030167078-\$).did. or (US-20030171743-\$ or US-20030171790-\$ or US-20030181959-\$ or US-20030191504-\$ or US-20030195578-\$ or US-20030195581-\$ or US-20030199938-\$ or US-20030212440-\$ or US-20030220668-\$ or US-20030220669-\$ or US-20030229331-\$ or US-20040002635-\$ or US-20040011366-\$ or US-20040015189-\$ or US-20040015203-\$ or US-20040015209-\$ or US-20040019370-\$ or US-20040024428-\$ or US-20040034280-\$ or US-20040039427-\$ or US-20040049251-\$ or US-20040054299-\$ or US-20040064066-\$ or US-20040068168-\$ or US-20040073260-\$ or US-20040103906-\$ or US-20040111127-\$).did. or (US-20040133119-\$ or US-20040133120-\$ or US-20040133248-\$ or US-20040138516-\$ or US-20040138517-\$ or US-20040138518-\$ or	US-PGPUB; USPAT	OR	ON	2006/04/05 08:52
4/6/2006 2:25:10 PM C:\Documents and Settings\theller\My Documents\EAST\Workspaces\10768716.wsp					Page 19	

EAST Search History

S10 4	260	S103 and S102	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:52
S10 5	252235	((on or off) near3 (second or period or cycle or time))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:52

EAST Search History

S10 6	156	(US-20010001125-\$ or US-20020016616-\$ or US-20020087192-\$ or US-20020177882-\$ or US-20020193844-\$ or US-20030023282-\$ or US-20030036780-\$ or US-20030060858-\$ or US-20030083716-\$ or US-20030144709-\$ or US-20030167078-\$ or US-20030171790-\$ or US-20030181959-\$ or US-20030191504-\$ or US-20030195578-\$ or US-20030195581-\$ or US-20030212440-\$ or US-20030220668-\$ or US-20030220669-\$ or US-20040002635-\$ or US-20040011366-\$ or US-20040015189-\$ or US-20040015203-\$ or US-20040015209-\$ or US-20040024428-\$ or US-20040039427-\$).did. or (US-20040064066-\$ or US-20040068168-\$ or US-20040103906-\$ or US-20040133119-\$ or US-20040133120-\$ or US-20040133248-\$ or US-20040138516-\$ or US-20040138517-\$ or US-20040138518-\$ or US-20040138536-\$ or US-20040138580-\$ or US-20040138581-\$ or US-20040138647-\$ or US-20040138711-\$ or US-20040138722-\$ or US-20040152958-\$ or US-20040152965-\$ or US-20040158119-\$ or US-20040193229-\$ or US-20040236381-\$ or US-20040236382-\$ or US-20040236391-\$ or US-20050021103-\$ or US-20050049655-\$ or US-20050113894-\$ or US-20050119703-\$ or US-20050131467-\$).did. or (US-20050137645-\$ or US-20050143783-\$ or US-20050143786-\$ or US-20050251220-\$ or US-20050251222-\$).did. or (US-3735756-\$ or US-3753433-\$ or	US-PGPUB; USPAT	OR	ON	2006/04/05 08:52
4/6/2006 2:25:10 PM C:\Documents and Settings\theller\My Documents\EAST\Workspaces\10768716.wsp						Page 21

EAST Search History

S10 7	156	S106 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:52
S10 8	416	S101 not (S107 or S104)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:53
S10 9	381	S108 and @ad<="20040107"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:53

EAST Search History

S11 0	381	(US-20010000187-\$ or US-20010007950-\$ or US-20010012918-\$ or US-20010027330-\$ or US-20020016568-\$ or US-20020032471-\$ or US-20020049480-\$ or US-20020058870-\$ or US-20020058906-\$ or US-20020065454-\$ or US-20020065540-\$ or US-20020068961-\$ or US-20020072769-\$ or US-20020077673-\$ or US-20020177782-\$ or US-20020183638-\$ or US-20020183802-\$ or US-20020183803-\$ or US-20020183805-\$ or US-20020188190-\$ or US-20020188323-\$ or US-20020188331-\$ or US-20020188333-\$ or US-20020193848-\$ or US-20030004547-\$ or US-20030014087-\$).did. or (US-20030018247-\$ or US-20030023277-\$ or US-20030032988-\$ or US-20030036772-\$ or US-20030055406-\$ or US-20030055460-\$ or US-20030060860-\$ or US-20030065308-\$ or US-20030065370-\$ or US-20030088280-\$ or US-20030170898-\$ or US-20030188740-\$ or US-20040010192-\$ or US-20040044380-\$ or US-20040059213-\$ or US-20040059395-\$ or US-20040068298-\$ or US-20040098066-\$ or US-20040098067-\$ or US-20040102816-\$ or US-20040122494-\$ or US-20040133249-\$ or US-20040196998-\$ or US-20050075690-\$ or US-20050283207-\$).did. or (US-3656474-\$ or US-3658055-\$ or US-3674015-\$ or US-3688776-\$ or US-3703900-\$ or US-3716059-\$ or US-3821949-\$ or US-3822708-\$ or US-3833005-\$ or US-3857399-\$ or US-3877438-\$ or US-3885552-\$ or US-3888261-\$ or US-3897774-\$ or IIC-3074641-€ or IIC-3076177-€ or	US-PGPUB; USPAT	OR	ON	2006/04/05 08:53
4/6/2006 2:25:10 PM C:\Documents and Settings\Wheeler\My Documents\EAST\Workspaces\10768716.wsp						Page 23

EAST Search History

S11 1	381	S110 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:54
S11 2	20354	(gat\$3 with (off or on)) with (second or s or millisecond or ms)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:56
S11 3	44	S110 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:56
S11 4	18175	(gat\$3 with (off or on)) with (second or sec or millisecond or ms)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:57
S11 5	48	S110 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 08:57

EAST Search History

S11 6	65	(US-20050113894-\$ or US-20040236382-\$ or US-20040193229-\$ or US-20040236381-\$ or US-20040138722-\$ or US-20040011366-\$ or US-20030195578-\$ or US-20010001125-\$ or US-20020072780-\$ or US-20050149142-\$ or US-20050149141-\$ or US-20050096638-\$ or US-20050096514-\$ or US-20040215180-\$ or US-20050209653-\$ or US-20030144708-\$ or US-20040162595-\$ or US-20020123774-\$ or US-20040176812-\$ or US-20040088022-\$ or US-20040044376-\$ or US-20030120321-\$ or US-20050090873-\$ or US-20040093039-\$ or US-20040015201-\$ or US-20030212439-\$).did. or (US-20020161414-\$).did. or (US-6990372-\$ or US-7024249-\$ or US-6853862-\$ or US-6839596-\$ or US-6879859-\$ or US-6327503-\$ or US-6216039-\$ or US-6115635-\$ or US-6104955-\$ or US-6091992-\$ or US-6083249-\$ or US-5995872-\$ or US-5861014-\$ or US-5836994-\$ or US-5540730-\$ or US-5188104-\$ or US-6542776-\$ or US-5423872-\$ or US-6615084-\$ or US-6243607-\$ or US-6895279-\$ or US-5292344-\$ or US-6993391-\$ or US-6684104-\$ or US-6612983-\$ or US-6611715-\$). did. or (US-6540789-\$ or US-6453199-\$ or US-6802868-\$ or US-6600953-\$ or US-6564101-\$ or US-6315721-\$ or US-6208894-\$ or US-6185452-\$ or US-6164284-\$ or US-5911218-\$ or US-5678535-\$ or US-4535777-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/05 10:04
S11 7	4	S116 and (gated with off)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 10:10

EAST Search History

S11 8	8	S116 and "5 seconds"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 10:25
S11 9	1	"5540730".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 10:46
S12 0	1	"6591137".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 10:46